

SERVICE REPLACEMENT BRAKE CHAMBERS

TYPE 30

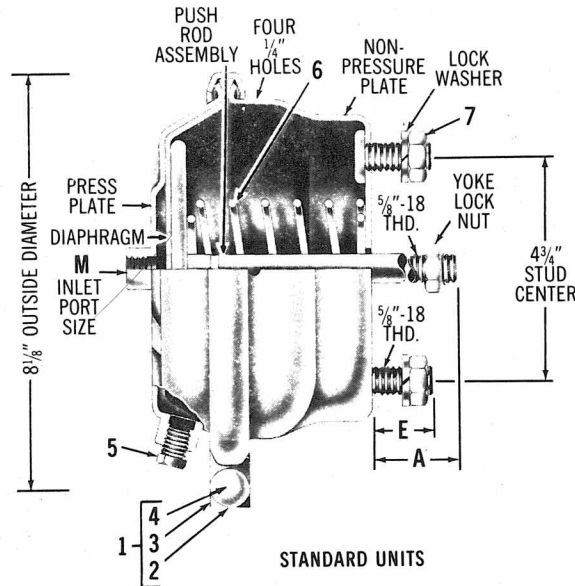
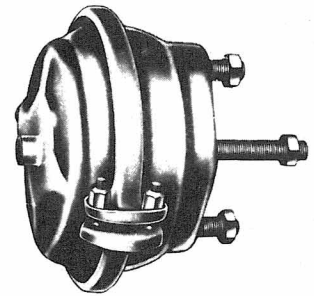
CATALOG
02-H-01

TYPE 30 2½" STROKE

A Brake Chamber is an actuator which converts the energy of air pressure into a mechanical force. Brake Chambers are available in nine sizes, providing a wide range of output forces and strokes. The type of chamber indicates the diaphragm's effective area (Type 30 = 30 sq. in. effective area).

For further information regarding installation and maintenance, consult Instruction & Service Data Sheet SD-28.

SEE CONVERSION LIST ON
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- SERVICE CHAMBERS:
- (1) Have long threaded Push Rod that may be cut to length.
 - (2) Do not include Yoke.

REFERENCE DETAILS

No.	Pc. No.	Quan.	Description
STANDARD UNITS			
1	282827	1	Clamp Ring Assy.
2	246925	2	Clamp Ring
3	249873	2	Nut
4	242386	2	Bolt
5	230111	1	Pipe Plug, ¼
6	234131	1	Spring
7	204781	2	Nut

WEATHERPROOF UNITS

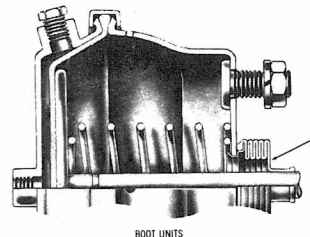
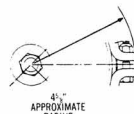
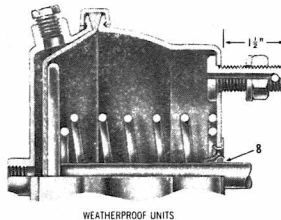
Add:			
8	235768	1	Grommet

BOOT UNITS

Add:			
9	239496	1	Boot

SPRING LOAD

SPRING PC. NO.	LOAD AT 0" STROKE (LBS.)	LOAD INCREASE PER INCH OF STROKE (LBS.)
234131	39.5	10.5
235401	90	34.5
240825	0	380



TYPE 30 SERVICE BRAKE CHAMBER PC. NO.	PUSH ROD ASSY. PC. NO.	YOKE LOCK NUT PC. NO.	LOCK WASHER (2 REQ'D.) PC. NO.	NON- PRESSURE PLATE PC. NO.	DIAPHRAGM PC. NO.	A ROD END TO PLATE	E STUD END TO PLATE	M INLET PORT SIZE	PRESSURE PLATE PC. NO.	INLET LOCATION	FEATURES
STANDARD UNITS											
A 227165	NOTE A	NONE	NONE	225948	234101-R	—	1¼	¼	225644	CENTER	ONE PC. PUSH ROD & YOKE
B 275325	226429	NONE	202986	226732	234101-R	3.00	2¾	¼	225644	CENTER	LONG MTG. BOLTS — HVY. SPRING
F 278454	224514	204781	202986	226732	234101-R	8⅛	2¾	¼	225644	SIDE	LONG MTG. BOLTS
CDEF 287052	228528	204781	202986	276199	236668-N	10.62	1½	¾	225396	C & S	HVY. SP. — NEO. DIA. — LARGE DRAIN
288813	288787	204781	202986	225974	234101-R	13.38	1½	¾	225396	C & S	STD. UNIT
288814	288787	204781	202986	225974	236668-N	13.38	1½	¾	225396	C & S	NEOPRENE DIAPHRAGM
WEATHERPROOF UNITS											
228914	225305	NONE	202986	225955	236668-N	3⅜	1¼	¼	225644	SIDE	NEOPRENE DIAPHRAGM
288815	288787	204781	202986	225955	234101-R	13⅜	1¼	¾	225396	C & S	STD. W. P. UNIT
BOOT UNITS											
DFG 278834	279361	204781	202986	276878	236668-N	13⅜	1¼	¼	225644	CENTER	HVY. SP. — NEO. DIA.
G 288816	288787	204781	202986	225204	236668-N	13⅜	1½	¾	225396	C & S	STD. BOOT UNIT
288817	288787	204781	202986	229205	234101-R	13⅜	1½	¾	225396	C & S	

A-USE ONE PC. PUSH ROD & YOKE, 234413 & PUSH PLATE 234414.
B-SUBSTITUTE SPRING, 240825 FOR ITEM 6. ADD SPRING GUIDE 240826.
C-NON-PRESSURE PLATE HAS 1" DRAIN HOLE.
D-SUBSTITUTE SPRING, 235401 FOR ITEM 6.
E-ADD SPRING GUIDE, 236555.
F-INCLUDES YOKE ASSY. 228790.
G-ADD SPRING GUIDE 236994.

N-NEOPRENE
R-RUBBER

**BRAKE CHAMBERS NOT AVAILABLE IN
REMANUFACTURED EXCHANGE**

TYPE 30 BRAKE CHAMBER CONVERSION LIST

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YOKE ASSY. PC. NO.
STANDARD UNITS		
225927	288813	NONE
226024	288813	228790
226025	288813	228790
226026	288813	228790
226057	288813	228790
226092	288813	228790
226094	288813	228790
226200	288813	228790
226241	288813	NONE
226242	288813	NONE
226422	288813	228798
226423	288813	228798
226448	288813	228790
226578	288813	228790
226633	288813	228790
226718	288813	239151
226813	288813	228790
226903	227165	234413
227027	288813	NONE
227145	288813	NONE
227165	227165	234413
227257	288813	228790
227683	288813	228790
228632	288813	239149
229148	288813	228790
229781	288813	228790
229851	288813	228790
275003	288813	228798
275179	288813	NONE
275325	275325	NONE
276059	288813	239149
276198	287052	228790
276920	288815	228790
277168	288813	NONE
277280	287052	228790
277281	288815	228790
277357	288813	228798
277440	288813	228798
277480	288813	228798
277418	288813	239151
278454	278453	228790
278581	288813	228790
278843	288813	228790
278962	288813	239149
278991	288813	228790
279244	288813	239149
279868	288813	228798
280252	288813	228790
280536	288813	228790
280894	288813	228790
281331	288813	228790
281333	288813	239149

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YOKE ASSY. PC. NO.
STANDARD UNITS		
281463	288813	NONE
281555	288813	239149
281557	288813	228790
281570	288813	228790
281693	288813	228790
281694	288813	239149
281698	288813	239149
282355	288813	239149
282356	288813	239149
282515	288813	228790
282780	288813	228790
282924	288813	228790
284939	288813	NONE
285810	288813	NONE
286811	288815	NONE
286856	288813	NONE
286857	288813	228790
286858	288813	228790
286859	288813	228790
286860	288813	228790
286861	288813	228790
286862	288813	228790
286863	288813	228790
287019	288813	NONE
287052	287052	228790
287191	288813	NONE
287217	288813	228790
287292	287052	228790
287293	288815	228790
287294	287052	228790
287295	288815	228790
287320	288813	239149
287321	288813	239149
287358	288813	NONE
287359	288813	239149
287360	288813	239149
287361	288813	239149
287362	288813	239149
287363	288813	239149
287364	288813	NONE
287393	288813	239149
287394	288813	239149
287780	288813	NONE
287783	288813	239149
287784	288813	228790
287785	288813	228790
288438	288813	239149
288439	288813	239149
288440	288813	239149
288441	288813	NONE
288573	288813	228798
288574	288813	228798

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YOKE ASSY. PC. NO.
WEATHERPROOF UNITS		
226121	288815	228798
226325	288815	228790
226388	288815	NONE
226389	288815	NONE
226669	288815	NONE
226670	288815	NONE
226758	288815	228798
226759	288815	228798
226961	288815	NONE
227727	288815	NONE
228914	228914	NONE
276284	288815	228790
280460	288815	228790
283492	288815	239149
286854	288815	NONE
286855	288815	NONE

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YOKE ASSY. PC. NO.
BOOT UNITS		
229351	288816	228790
229353	288816	228790
229355	288817	228798
229356	288817	228798
229360	288817	228790
229361	288817	228790
229369	228817	NONE
229371	288817	228798
229375	288817	NONE
229380	288817	228790
278834	278834	228790
281353	288817	228790
281605	288817	NONE
284275	288817	228790
286703	288817	228790
287080	288817	228798
287338	288817	NONE
288098	288817	228790